

**U.S. Department of Commerce  
Patent and Trademark Office**

**ATTY. DOCKET NO.**

**SERIAL NO.**

**JEL 310988**

**10/673,479**

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

**APPLICANT**

**Katsuhiko TSUURA**

**FLUNG DATE**

**September 30, 2003**

**ART UNIT**

**U.S. PATENT DOCUMENTS**

[illegible]

**FOREIGN PATENT DOCUMENTS**

[illegible]

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |  |  |
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**EXAMINER**

**DATE CONSIDERED**

2/24/04

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FORM PTO-1449 U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.

JEL 310988

DIVISIONAL APPL. OF SERIAL  
NO.

10/369,648 12673 479

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Katsuhiko TSUURA

FILING DATE

September 30, 2003

PRIOR ART

2811

## U.S. PATENT DOCUMENTS

| EXAMINER<br>NOTAL                   | DOCUMENT NUMBER |   |   |   |   |   |   |  | DATE    | NAME            | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|-------------------------------------|-----------------|---|---|---|---|---|---|--|---------|-----------------|-------|----------|-------------------------------|
| <input checked="" type="checkbox"/> | 5               | 7 | 2 | 9 | 0 | 4 | 1 |  | 03/1998 | Yoo et al.      |       |          |                               |
| <input type="checkbox"/>            | 4               | 8 | 4 | 1 | 3 | 5 | 4 |  | 06/1989 | Inaba           |       |          |                               |
| <input type="checkbox"/>            | 6               | 1 | 8 | 0 | 5 | 0 | 3 |  | 01/2001 | Tzeng et al.    |       |          |                               |
| <input type="checkbox"/>            | 5               | 7 | 1 | 6 | 8 | 7 | 1 |  | 02/1998 | Yamazaki et al. |       |          |                               |
| <input type="checkbox"/>            | 5               | 6 | 7 | 5 | 1 | 7 | 4 |  | 10/1997 | Nakajima et al. |       |          |                               |
| <input checked="" type="checkbox"/> | 6               | 3 | 8 | 0 | 0 | 0 | 3 |  | 04/2002 | Jahnes et al.   |       |          |                               |
|                                     |                 |   |   |   |   |   |   |  |         |                 |       |          |                               |
|                                     |                 |   |   |   |   |   |   |  |         |                 |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|                                     | DOCUMENT NUMBER |   |   |   |   |   |   |   | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|-------------------------------------|-----------------|---|---|---|---|---|---|---|---------|---------|-------|----------|-------------|----|
|                                     |                 |   |   |   |   |   |   |   |         |         |       |          | YES         | NO |
| <input checked="" type="checkbox"/> |                 | 8 | 2 | 1 | 3 | 4 | 6 | 9 | 08/1986 | JP      | —     | —        | Abstract    |    |
| <input type="checkbox"/>            | 1               | 1 | 0 | 1 | 7 | 0 | 1 | 1 | 01/1989 | JP      | —     | —        | Abstract    |    |
| <input checked="" type="checkbox"/> | 1               | 1 | 0 | 8 | 7 | 6 | 4 | 7 | 03/1989 | JP      | —     | —        | Abstract    |    |
|                                     |                 |   |   |   |   |   |   |   |         |         |       |          |             |    |
|                                     |                 |   |   |   |   |   |   |   |         |         |       |          |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

*Dr. R. R.*

DATE CONSIDERED

11/6/04

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